

JC887 U.S. PTO
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Approved for use through 10/31/2002. OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 43]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 8]
5. Oath or Declaration [Total Pages 3]
 - a. Unexecuted
~~Unexecuted~~ (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 17 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. Application Data Sheet. See 37 CFR 1.76
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney *(when there is an assignee)*
11. English Translation Document *(if applicable)*
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. Other: **Check for \$1082.00**

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP)

of prior application No. _____ / _____

Prior application information.

Examiner _____

Group / Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label



or Correspondence address below

(Insert Customer No. or Attach bar code label here)

25297

Name	PATENT TRADEMARK OFFICE		
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	Gregory A. Hunt	Registration No. (Attorney/Agent)	41,085
Signature			
	Date 10-11-01		

Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Attachment to PTO/SB/05 (10/31/02) Utility
Patent Application Transmittal

1. METHODS AND SYSTEMS FOR OFF-LOADING A-INTERFACE SHORT MESSAGE SERVICE (SMS) MESSAGE TRAFFIC IN A WIRELESS COMMUNICATIONS NETWORK

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$1082.00)

Complete if Known

Application Number	
Filing Date	
First Named Inventor	Apirux Bantukul
Examiner Name	
Group Art Unit	
Attorney Docket No.	1322/83

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	
Deposit Account Name	

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
 Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

- Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee Description	Fee Paid
101	740	201	370 Utility filing fee	740
106	330	206	165 Design filing fee	
107	510	207	255 Plant filing fee	
108	740	208	370 Reissue filing fee	
114	160	214	80 Provisional filing fee	

SUBTOTAL (1) (\$740.00)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
39	-20** = 19	x 18	= 342
3	-3** = 0	x 0	= 0
Multiple Dependent			

Large Entity Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee Description
103	18	203	9 Claims in excess of 20
102	84	202	42 Independent claims in excess of 3
104	280	204	140 Multiple dependent claim, if not paid
109	84	209	42 ** Reissue independent claims over original patent
110	18	210	9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$342.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

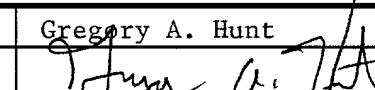
3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 Surcharge - late filing fee or oath	
127	50	227 Surcharge - late provisional filing fee or cover sheet	
139	130	139 Non-English specification	
147	2,520	147 2,520 For filing a request for ex parte reexamination	
112	920*	112 920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
115	110	215 Extension for reply within first month	
116	400	216 Extension for reply within second month	
117	920	217 Extension for reply within third month	
118	1,440	218 Extension for reply within fourth month	
128	1,960	228 Extension for reply within fifth month	
119	320	219 Notice of Appeal	
120	320	220 Filing a brief in support of an appeal	
121	280	221 Request for oral hearing	
138	1,510	138 Petition to institute a public use proceeding	
140	110	240 Petition to revive - unavoidable	
141	1,280	241 Petition to revive - unintentional	
142	1,280	242 Utility issue fee (or reissue)	
143	460	243 Design issue fee	
144	620	244 Plant issue fee	
122	130	122 Petitions to the Commissioner	
123	50	123 Processing fee under 37 CFR 1.17(q)	
126	180	126 Submission of Information Disclosure Stmt	
581	40	581 Recording each patent assignment per property (times number of properties)	
146	740	246 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279 Request for Continued Examination (RCE)	
169	900	169 Request for expedited examination of a design application	
Other fee (specify) _____			

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$0.00)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Gregory A. Hunt	Registration No. (Attorney/Agent)	41,085	Telephone	919-493-8000
Signature				Date	10-11-01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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October 11, 2001

"Express Mail" mailing number.: EL863577383US

Date of Deposit October 11, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner of Patent and Trademarks, Washington, D.C.

April M. Williams

April M. Williams

Commissioner for Patents
BOX PATENT APPLICATION
Washington, D.C. 20231

Re: U.S. Patent Application for METHODS AND SYSTEMS FOR OFF-LOADING A-INTERFACE SHORT MESSAGE SERVICE (SMS) MESSAGE TRAFFIC IN A WIRELESS COMMUNICATIONS NETWORK
Our File No. 1322/83

Sir:

Please find enclosed the following:

1. A U.S. patent application for METHODS AND SYSTEMS FOR OFF-LOADING A-INTERFACE SHORT MESSAGE SERVICE (SMS) MESSAGE TRAFFIC IN A WIRELESS COMMUNICATIONS NETWORK (43 pages);
2. Eight (8) sheets of drawings;
3. Copy of unexecuted Declaration (3 pages);
4. Utility Patent Application Transmittal Form (Form PTO/SB/05, 2 pages);
5. Fee Transmittal Form (Form PTO/SB/17) in duplicate;
6. Information Disclosure Statement (2 pages);
7. Form PTO/SB/08B, in duplicate;
8. Copies of the cited references (3 references);

Commissioner for Patents
October 11, 2001
Page 2

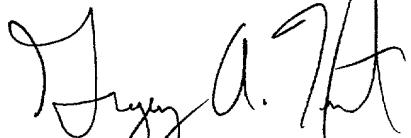
9. A check in the amount of \$1082.00 to cover the application filing fee;
10. A return-receipt postcard to be returned to our offices with the U.S. Patent and Trademark Office date stamp thereon; and
11. A Certificate of Express Mail No.: EL863577383US.

Please contact our offices if there are any questions.

Although a check is being submitted, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment associated with the filing of this correspondence to Deposit Account Number **50-0426**.

Respectfully submitted,

JENKINS & WILSON, P.A.



Gregory A. Hunt
Registration No. 41,085
Customer No. Bar Code Label:

GAH/anw

Enclosures



25297

PATENT TRADEMARK OFFICE